

**METHODS AND COMPOSITIONS FOR THERAPEUTIC
INTERVENTION IN INFECTIOUS DISEASE**

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ABSTRACT

Methods and compositions for the treatment and
prevention of infectious diseases are provided. In particular,
efficient vaccines comprising genetically modified pathogens are
provided. The vaccines generally comprise mycobacterial mutants
having modified protein production capabilities. In one
embodiment, the mutants overexpress heat shock protein. In a
specific embodiment, the mycobacterial mutant overexpresses heat
shock proteins 60 and/or 70. Also provided are modified BCG
vaccines capable of overexpressing heat shock proteins 60 and/or
70.

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Attorney Docket No. 19626-0211 (45454-270653)

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